

Name _____ Class _____ Date _____

Draw a ring around a number of stars for each statement. If you are very confident about a statement, draw your ring around all the stars. If you do not know anything about a statement, do not draw a ring.

Topic	At the end of the unit:	
8Ba		
	Describe the characteristics of organisms in the five kingdoms.	* * * * *
	Describe how organisms are further classified in their kingdoms.	* * * * *
	Identify the genus and species names from a scientific name.	* * * * *
	Explain why biodiversity is important.	* * * * *
8B Working Scientifically		
	Describe how a quadrat is used to collect samples.	* * * * *
	Use a sample to calculate an estimate.	* * * * *
	Explain the effects of too small and too big a sample size.	* * * * *
8Bb		
	State the difference between asexual and sexual reproduction.	* * * * *
	Recall ways in which plants reproduce asexually.	* * * * *
	Describe what happens during fertilisation.	* * * * *
	Identify and give examples of inherited variation.	* * * * *
	Explain how inherited variation is caused.	* * * * *
8Bc		
	Identify the main parts of a flower and describe their functions.	* * * * *
	Use flower shape or pollen type to work out how a plant is pollinated.	* * * * *
	Describe how the parts of a flower are adapted to their functions.	* * * * *
	Explain how and why plants avoid self-pollination.	* * * * *
8Bd		
	Identify the different parts of a seed.	* * * * *
	Identify different kinds of fruits and describe how they disperse seeds.	* * * * *
	Describe what happens after pollination and before fertilisation.	* * * * *
	Describe how a fertilised egg cell grows into an embryo.	* * * * *
	Explain the importance of seed dispersal.	* * * * *
8Be		
	Describe the life cycle of a flowering plant.	* * * * *
	Recall the resources needed for germination and how this occurs.	* * * * *
	Describe what happens in photosynthesis and respiration.	* * * * *
	Describe examples of interdependence and how changes in a population or community affect other populations.	* * * * *